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Reports of the
New Mexico School of Mines

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Report of the School of Mines, <1902>-<1904>; and,

Report of the New Mexico School of Mines, <Fiscal year ending November 30, 1906>

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EXHIBIT "X."

REPORT

OF THE

SCHOOL OF MINES

REPORT.

Hon. M. A. Otero, Governor of New Mexico, Santa Fe, N. M.

The condition of the School of Mines is very promising. All indications point to the present year as being the most successful in the history of the institution. There has been a very material increase in attendance over previous years. With the new enrollment of the second semester it is believed that the increase in attendance during the current year will reach nearly 50 per cent. A noteworthy feature is the large percentage of the students who have enrolled for the regular technical courses.

Yet, as in the case of all rapidly growing educational institutions, the New Mexico School of Mines appears unable to keep pace with the ever increasing demand made upon it for more room, sufficient equipment and better library facilities.

The school has now reached that stage in its development when more adequate provision must be made for its accelerated growth or very serious impairment of its influence and usefulness must result. While the immediate wants are many, there are three needs in particular that should be satisfied before all others. Although provision for another building appears quite urgent—a building that should be primarily planned for an administration hall, but arranged also to contain a general assembly room, the library, the mineralogical, geological and general technical museums, and the laboratories connected with them—in order to relieve the very much cramped condition of the chemical building, it is thought that possibly the erection of this building might be deferred, provided some of the other more immediate wants could be satisfied.

Several additional instructors are necessary, both in order to relieve somewhat the already over burdened corps already engaged, and in order to adequately meet the increasing demands of a rapidly growing institution.

Provision for certain additional equipment, of which the institution is in absolute need, should be made in order to more properly provide for the requirements of the students who seek enrollment in the school.

The need of additional library facilities is very keenly felt. The mining library is the only one of the kind in the southwest, and its use is not confined to the students of the school alone. Persons interested in mining from other points of New Mexico seek its advantage. Its educational influence thus extends far beyond the boundaries of the campus.

Industrially, New Mexico must ever be pre-eminently a mining state. Moreover, it seems destined to be one of the three great mining states of this country. As such it forms the natural environment of a great mining school, just as similar surroundings have enabled the chief mining academies of Europe to attract students of mining from all the civilized world. To the three states referred to must we look forward for the great mining schools of the western hemisphere. A mining school publicly supported has been established in each of these states. That of New Mexico should be in the lead.

With the present year the New Mexico School of Mines starts out along new lines. A complete reorganization of the school has taken place. The work has been so adjusted to the public school system that the student may now pass uninterruptedly from the lowest grade to the highest standard college course. There is no break between the early work and the later work. At the same time the standard of the School of Mines has been raised until it is now equal to that of other state educational institutions of the country.

The close articulation of the School of Mines with the high-schools and grade-schools has been mutually beneficial in many ways.

A noteworthy feature connected with higher education in New Mexico has been the establishment of a number of scholarships in connection with the School of Mines. Through the generosity of the members of the Board of Trustees, and others, the New Mexico School of Mines has been able to establish ninety scholarships. Fifty of these yield one hun-

dred dollars annually, and are open to students living in the United States.

Forty of these scholarships each yield twenty-five dollars annually and are open only to students who are actual residents of New Mexico. They are good for one year, and are bestowed at the beginning of each academic year. These scholarships are awarded to the two students from each county in New Mexico passing the best entrance examination, or examinations for advanced standing, or presenting the evidences of best qualifications for carrying on the work of the course selected.

These scholarships are awarded annually as honors. The main object sought in the bestowal of these honors is the encouragement of scholarship among those who wish to prosecute studies relating to mining in this institution.

In order to still further cultivate the spirit of independence in the student upon whom a scholarship may be bestowed he is expected to assist in some way in connection with the work of the School. The details of this service may vary with the different holders. Whether assistance be in tho laboratories or museum, in no case will it be allowed to exceed the equivalent in value of what such services ordinarily demand.

Evidence of important progress made by the School of Mines is shown by the closing of negotiations whereby this institution is to acquire the Rio Grande Smelting Works, located near the College campus. The plant will form an exceptional addition to the material equipment of the School. This also is probably the most important single step next to the founding of the higher educational institutions that has ever been taken in the interests of popular, practical and technical education in New Mexico. It not only gives the people of New Mexico an opportunity to secure a practical education equal to that obtainable in any other institution in the United States, but it marks an epoch in the history of New Mexican education, in that for the first time people from other parts of the country are turning to New Mexico in order to obtain something in technical education that they can not secure in any other state.

Recently the management of the Rio Grande Smelting

Works found it advisable to concentrate its work somewhat, and in consequence the plant at Socorro became inactive as a commercial property. For more than a decade the Rio Grande Smelting Works was one ef the most important plants in southwestern United States. With some alterations the entire plant will be adapted more especially to the immediate uses of the School.

The demands by young men from all parts of the country for advanced instruction and actual work in practical mining are already being felt by the School because of its exceptionally favorable situation in the heart of the oldest and greatest mining districts of the continent. The New Mexico School of Mines is the only institution in the country that stands at the very entrance to the immensely rich mining districts of Old Mexico. Nowhere else in the United States are there such opportunities offered for the careful study of the native Mexican methods of mining and smelting. Nowhere else in our country is the use of the Spanish language, so necessary in dealings with the Mexican people, so easily put to practical test.

LIST OF STUDENTS.

For the Fiscal Year ending November 30, 1902.

Arthur Abernathy	Pinos, Zacatecas, Mexico.
C. Alexander	Socorro, N. M.
E. Alexander	" "
A. Alexander	" "
Adelino E. Baca	" "
David Baca	" "
Juan Jose Baca, Jr	" "
Vivian J. Baca	" "
Jose Antonio Baca	Escondida, N. M.
Maximo Baca y Baca	" "
P. T. Berry	Socorro, N. M.
John Fergusson Blinn	Kelly, "
M. Blinn	Socorro, "
P. Branch	Los Angeles, Cal.
Cony C. Brown	Socorro, N. M.
D. D. Bruton	" "
E. L. Bruton	" "
John Bruton	" "
R. Harland Case	Los Cerrillos, N. M.
Frank F. Chavez	Kelly, N. M.
G. Coon	Socorro, "
Charles Cooney	" "

Jay Coswell	Kelly, N.M.
L. A. Coswell	" "
M. A. Coswell	" "
Andy Cortesy	Socorro, N. M.
Leo. Cortesy	" "
Claude Harold Dailey	" "
Grover C. Emig	El Paso, Texas.
N. M. Foley	Kelly, N. M.
Elmer Fullerton	Patterson, "
Otis John Gardiner	Magdalena, "
Jose Garcia	" "
Frank Graham	Socorro "
Harry Thorwald Goodjohn	Pittsburg, Texas.
L. Graham	Socorro, N. M.
S. Graham	" "
Pantaleon Gonzales	Lemitar, "
H. C. Gildersleeve	Santa Fe, "
E. Greenwald	Socorro, "
L. E. Griffith	" "
Hezekiah Hall	" "
Charles Hanna	San Marcial, N. M.
Fred Hanna	San Antonio, "
William J. Hanna	" " "
D. L. Harris	Socorro, "
Henry Root Harris, Jr.	" "
I. Harris	" "
E. Harrison	" "
J. Harrison	" "
Arthur Hill	" "
Charles Hill	" "
James Monroe Hill	" "
Robert Hill	" "
Joseph Jacobson Hilton	" "
A. D. Hilton	" "
Pierre Van Acker Hines	El Paso, Texas.
William Elias Homme	Wittenburg, Wis.
Fred Kilgore Howell	Socorro, N. M.
Haynes Alfred Howell	" "
Seth David Howell	" "
Williams Edwin Hult	" "
John August Hunter	" "
Clyde Cleveland Hurst	" "
J. M. Hurst	" "
A. M. Jacques	" "
Elston E. Jones	Independence, Mo.
Alex Jasper Jenkins	Socorro, N. M.
Frank F. Jones	Independence, Mo.

T. P. Jones	Independence, Mo.
Frank Kelly	Water Canyon, N. M.
K. Kelly	" " "
William Kelly	" " "
M. Kerr	Elkhart, Mo.
M. M. Kiehne	Socorro, N. M.
Hazel Landon	" "
B. E. Kutzner	Stansbury, Mo,
E. D. Kutzner	" "
James Clyde Kutzner	" "
H. Landon	Socorro, N. M.
Patricio Lopez	Socorro, "
M. E. Liles	Socorro, "
Julian F. Luna	Polvadera, "
Juan Miera	San Antonio, N. M.
Joseph, Glover Mayo	Golden, N. M.
B. M. Owens	Magdalena, N. M.
Tomas Olguin	Socorro, N. M.
Cardenio Pino	Socorro, "
Pedro Padillo	Escondida, "
Allan Lesley Pierson	Linden, Tenn.
Arthur Radcliff	Socorro, N. M.
M. Radclifffff	Socorro, "
A. B. Richmond	Los Priestas, Mexico.
O. Russell	Magdalena, N. M.
Fount Ray	Waxahachie, Texas.
G. E. Sayler	Socorro, N. M.
M. A. Sayler	" "
Charles H. Shamel	Taylorville, Ill.
B. A. Sleight	Socorro, N. M.
James Avery Smith	" "
Marvel Martin Smith	" "
Frank Herman Sperling	" "
H. L. Sperling	" "
I. B. Sperling	" "
Vivian Roberto Stapleton	Escondida, "
Edwin Donald Swisher	Socorro, "
William Swisher	" "
H. Terry	" "
Miguel Torres	" "
Pablo Torres	" "
Rojerio Torres	" "
Esther Wickham	" "
A. Ward	Joseph, N. M.
E. G. Winkler	Socorro, N. M.
L. E. Winkler	" "

Territory of New Mexico, }
County of Socorro. } ss.

On this 18th day of December, A. D. 1902, before me appeared C. T. Brown to me personally known, who being by me first duly sworn did say that he is the Secretary and Treasurer of the New Mexico School of Mines and that the foregoing report of the students and their residences is correct.

C. T. BROWN,
Secretary and Treasurer, New Mexico School of Mines.

Subscribed and sworn to before me this 18th day of December, A. D. 1902.

[Seal.] EDWARD L. PRICE,
Notary Public, Socorro County, N. M.

Receipts and disbursements of New Mexico School of Mines, from Nov. 30th, 1901 to Nov. 30th, 1902.

RECEIPTS (REGULAR FUND.)

Nov. 30th, 1901. Balance	$ 635 71	
Received from Territory	9,110 82	
" " Tuition	432 00	
" " Assaying	69 75	
" " Laboratory	389 89	$10,638 17

DISBURSEMENTS (REGULAR FUND.)

Salaries	$ 6,721 92	
Incidentals (fuel, chemicals, etc)	2,452 51	
Equipment	281 64	9,456 07
Balance Regular Fund, Nov. 30th, 1902		$ 1,182 10

SPECIAL FUND.

Nov. 30th, 1901. Balance	$149 57

DISBURSEMENTS (SPECIAL FUND.)

Paid repairs on building	$149 57

Territory of New Mexico, }
County of Socorro. } ss.

On this 18th day of December, A. D. 1902, before me personally appeared C. T. Brown to me known, who being by me duly sworn, did say that he is the Secretary and Treasurer of the New Mexico School of Mines, that the foregoing

statement of the financial condition of the said institution is correct.

C. T. BROWN,
Secretary and Treasurer, New Mexico School of Mines.

Subscribed and sworn to before me this 18th day of December, A. D. 1902.

SEAL]

EDWARD L. PRICE,
Notary Public, Socorro County, N. M.